

9. The apparatus of claim 8, wherein the runtime system is further configured to, in response to receiving the first user input, executing the task in the processing unit prior to receiving the second user input while operating the processing unit according to the one or more parameters.

10. The apparatus of claim 8, wherein the runtime system is further configured to provide a list of power consumption costs to a user, and wherein the second user input indicates a power consumption cost selected from the list of power consumption costs.

11. The apparatus of claim 8, wherein the one or more parameters further comprises a voltage level parameter indicating a voltage level supplied to the processing unit and a frequency level parameter indicating a frequency of a clock signal supplied to the processing unit.

12. The apparatus of claim 8, wherein the second user input comprises minimizing a task window displaying information generated by the task.

13. The apparatus of claim 8, wherein the runtime system is further configured to increase the power consumption of the processing unit by executing the task while operating the processing unit according to the at least one modified parameter.

14. The apparatus of claim 8, wherein the apparatus is a mobile device, and wherein the second user input indicates that a tilt angle of the mobile device exceeds a threshold tilt angle.

15. A non-transitory computer readable medium storing instructions that when executed by a processor cause the processor to perform a method comprising:

storing one or more parameters, wherein each of the one or more parameters represents an electrical operating characteristic of a processor that controls power consumption of the processor;

receiving a first user input requesting execution of a task by the processor;

in response to receiving a second user input, modifying at least one of the one or more parameters; and

executing the task in the processor while operating the processor according to the at least one modified parameter.

16. The non-transitory computer readable medium of claim 15, wherein the method further comprises, in response to receiving the first user input, executing the task in the processor prior to receiving the second user input while operating the processor according to the one or more parameters.

17. The non-transitory computer readable medium of claim 15, wherein the method further comprises providing a list of power consumption costs to a user, wherein the second user input indicates a power consumption cost selected from the list of power consumption costs.

18. The non-transitory computer readable medium of claim 15, wherein the method further comprises a voltage level parameter indicating a voltage level supplied to the processor and a frequency level parameter indicating a frequency of a clock signal supplied to the processor, and wherein executing the task while operating the processor according to the at least one modified parameter increases the power consumption of the processor.

19. The non-transitory computer readable medium of claim 15, wherein the second user input comprises minimizing a task window displaying information generated by the task.

20. The non-transitory computer readable medium of claim 15, wherein the second user input comprises a tilt signal indicating that a tilt angle of a display unit coupled with the processor differs from a target angle by more than a threshold angle.

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